

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061928.D
 Acq On : 21 Nov 2024 19:30
 Operator : MD/SY
 Sample : P4903-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:12:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 23:06:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

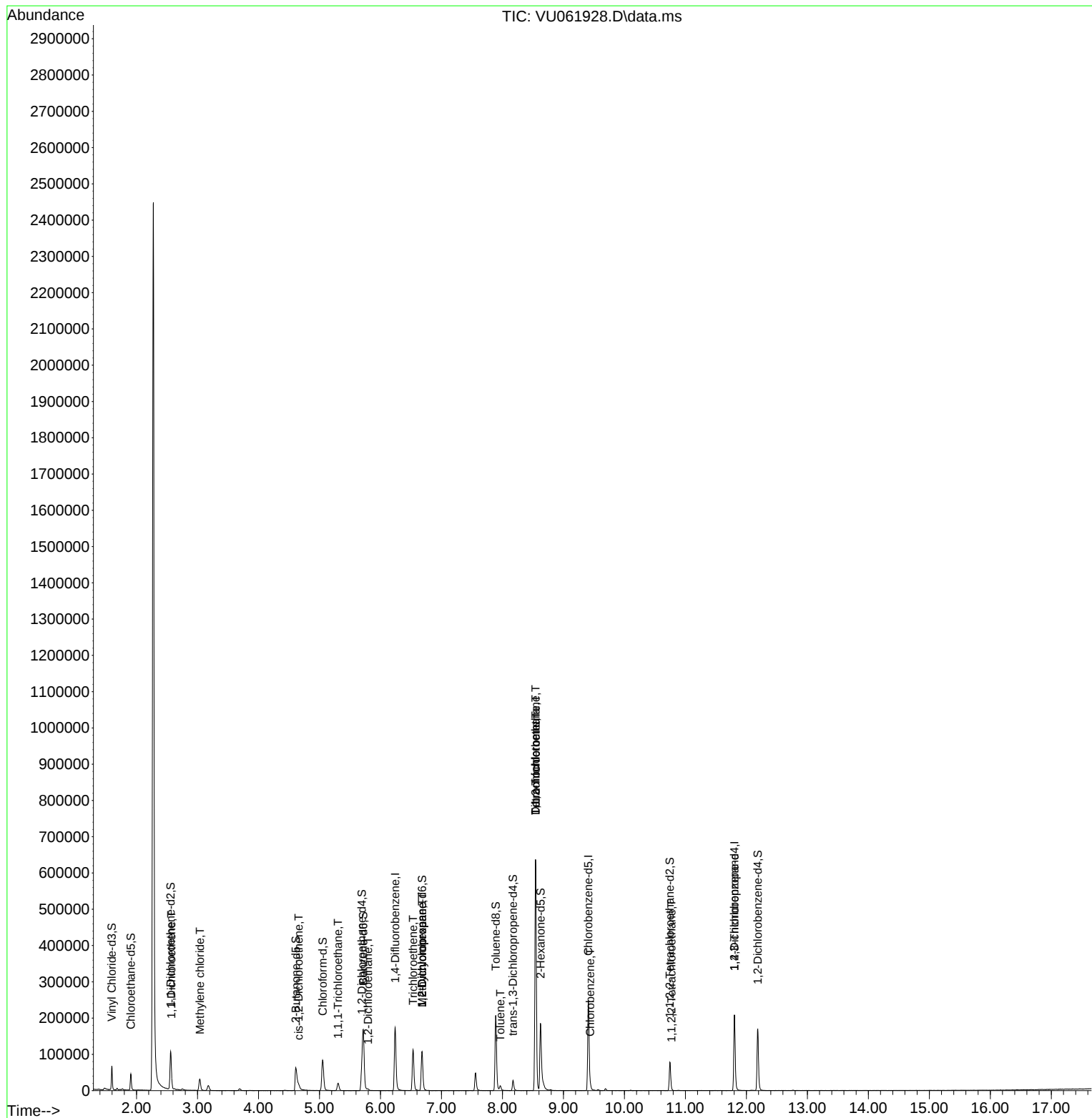
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	145037	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	141407	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	58898	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	43649	6.135	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.800%
7) Chloroethane-d5	1.907	69	32735	5.201	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.560	65	19131	6.731	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	134.600%#
20) 2-Butanone-d5	4.611	46	93669	41.928	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.860%
24) Chloroform-d	5.052	84	83142	4.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.695	65	43039	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.717	84	167677	6.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.800%
36) 1,2-Dichloropropane-d6	6.682	67	55364	5.914	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.200%
41) Toluene-d8	7.891	98	144153	6.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.400%
43) trans-1,3-Dichloroprop...	8.174	79	17509	5.052	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.624	63	66683	42.154	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.300%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	41076	4.391	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	47856	5.495	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	4097	0.421	ug/L #	1
16) Methylene chloride	3.039	84	16255	1.392	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	4439	0.384	ug/L	93
27) 1,2-Dichloroethane	5.795	62	2180	0.162	ug/L #	75
29) 1,1,1-Trichloroethane	5.306	97	15249	0.936	ug/L	96
34) Trichloroethene	6.534	95	42417	3.722	ug/L	98
35) Methylcyclohexane	6.682	83	12956	0.743	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	5661	0.510	ug/L #	87
42) Toluene	7.965	91	10587	0.236	ug/L	99
45) 1,1,2-Trichloroethane	8.544	97	1216	0.149	ug/L #	1
47) Tetrachloroethene	8.544	164	140346	16.931	ug/L	97
49) Dibromochloromethane	8.544	129	142843	16.543	ug/L #	13
51) Chlorobenzene	9.441	112	6341	0.207	ug/L #	84
57) 1,1,2,2-Tetrachloroethane	10.772	83	1249	0.119	ug/L #	87
61) 1,2,3-Trichloropropane	11.804	75	7006	1.029	ug/L #	67

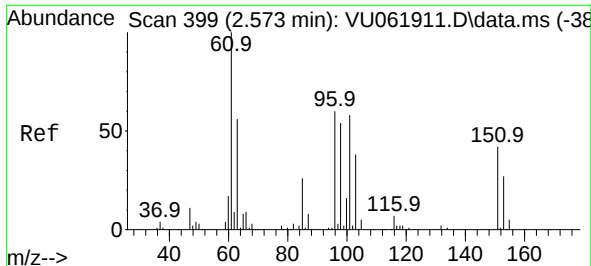
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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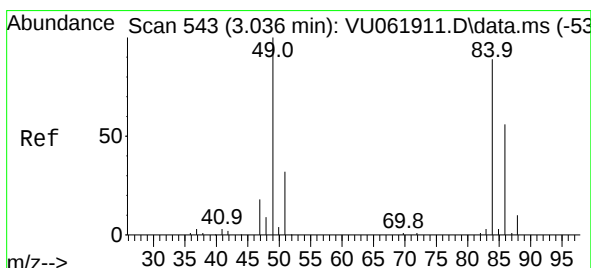
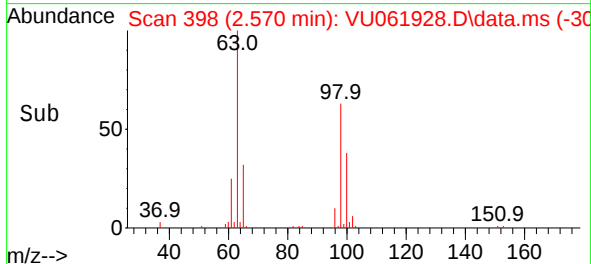
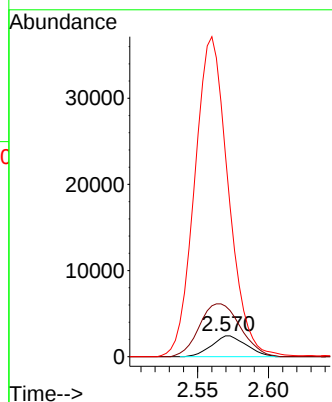
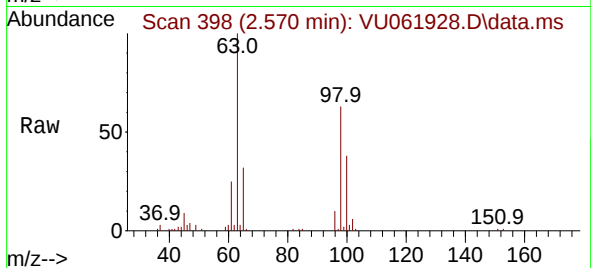




#12
1,1-Dichloroethene
Concen: 0.421 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061928.D
Acq: 21 Nov 2024 19:30

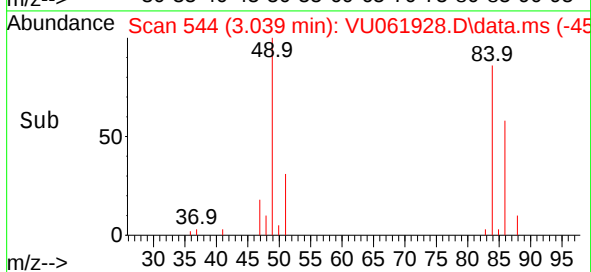
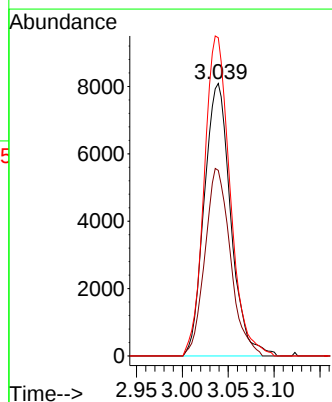
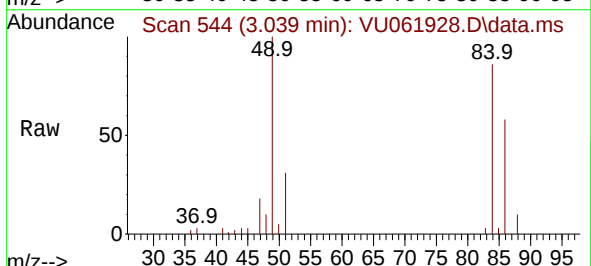
Instrument :
MSVOA_U
ClientSampleId :

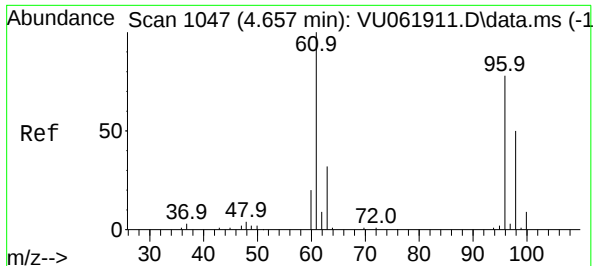
Tgt Ion: 96 Resp: 4097
Ion Ratio Lower Upper
96 100
61 242.6 119.6 222.2#
63 966.0 65.0 120.6#



#16
Methylene chloride
Concen: 1.392 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU061928.D
Acq: 21 Nov 2024 19:30

Tgt Ion: 84 Resp: 16255
Ion Ratio Lower Upper
84 100
86 68.1 43.5 80.7
49 116.8 81.9 152.1

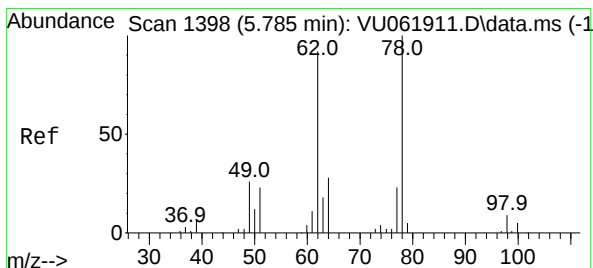
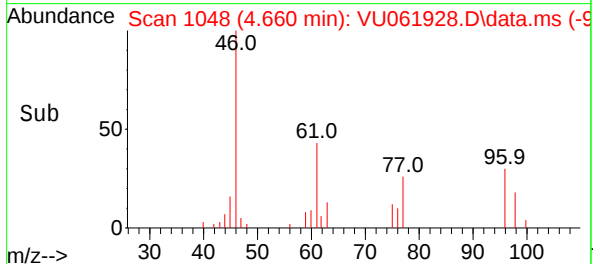
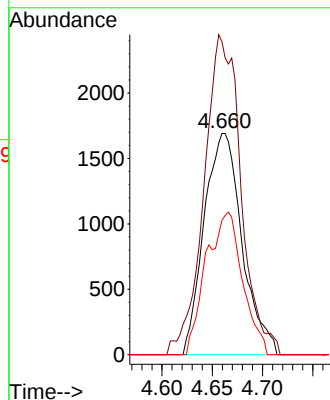
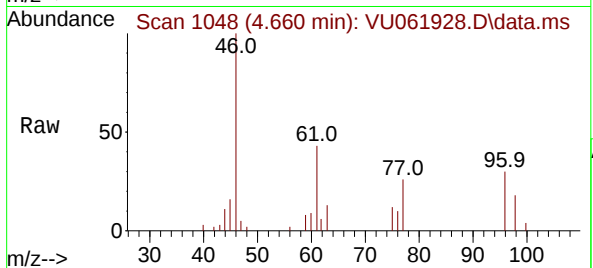




#22
 cis-1,2-Dichloroethene
 Concen: 0.384 ug/L
 RT: 4.660 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU061928.D
 Acq: 21 Nov 2024 19:30

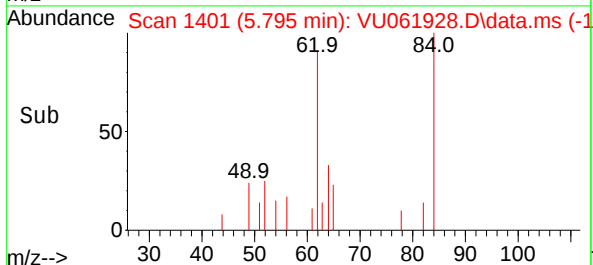
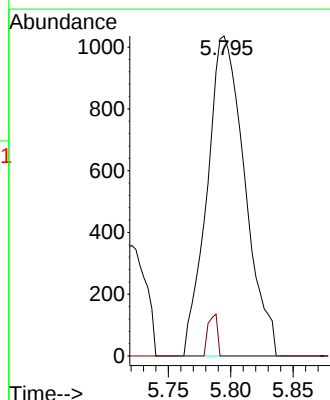
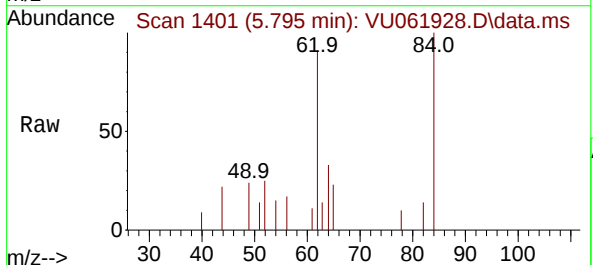
Instrument :
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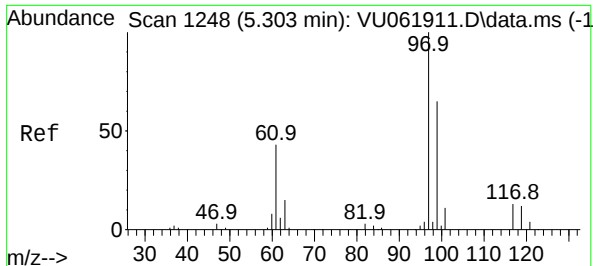
Tgt Ion: 96 Resp: 4439
 Ion Ratio Lower Upper
 96 100
 61 141.4 92.0 170.8
 98 60.7 44.5 82.7



#27
 1,2-Dichloroethane
 Concen: 0.162 ug/L
 RT: 5.795 min Scan# 1401
 Delta R.T. 0.010 min
 Lab File: VU061928.D
 Acq: 21 Nov 2024 19:30

Tgt Ion: 62 Resp: 2180
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.4 11.0#

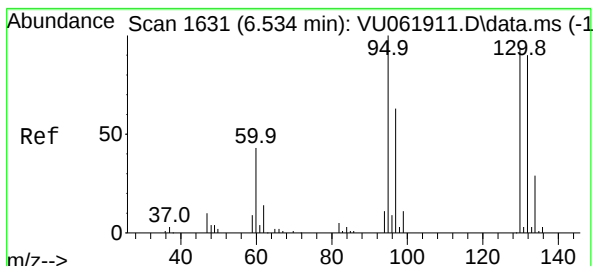
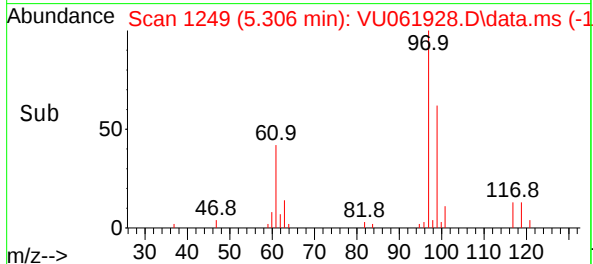
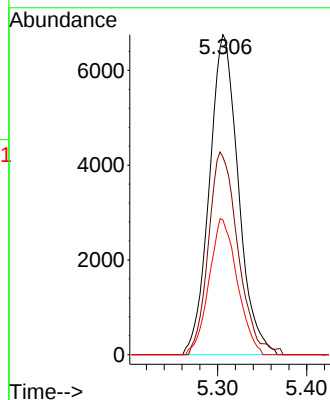
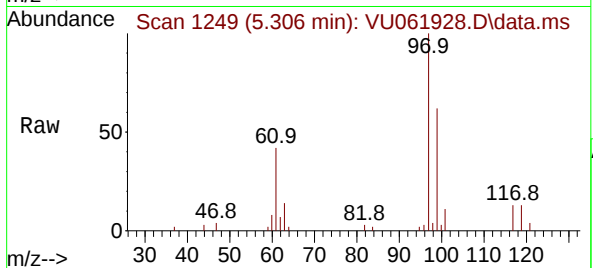




#29
1,1,1-Trichloroethane
Concen: 0.936 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU061928.D
Acq: 21 Nov 2024 19:30

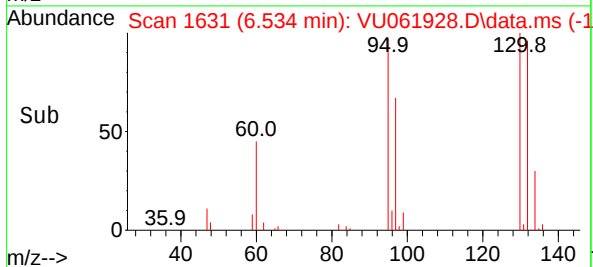
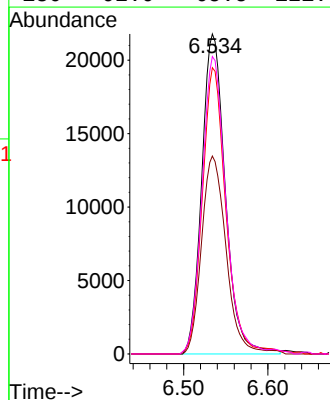
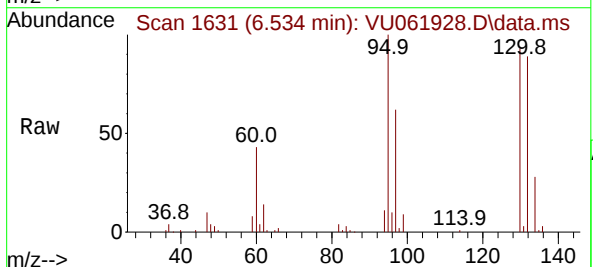
Instrument :
MSVOA_U
ClientSampleId :

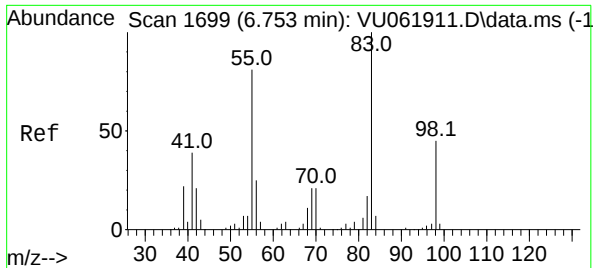
Tgt Ion: 97 Resp: 15249
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 41.3 37.8 56.6



#34
Trichloroethene
Concen: 3.722 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU061928.D
Acq: 21 Nov 2024 19:30

Tgt Ion: 95 Resp: 42417
Ion Ratio Lower Upper
95 100
97 61.9 45.9 85.3
132 89.5 63.8 118.4
130 92.9 65.5 121.7

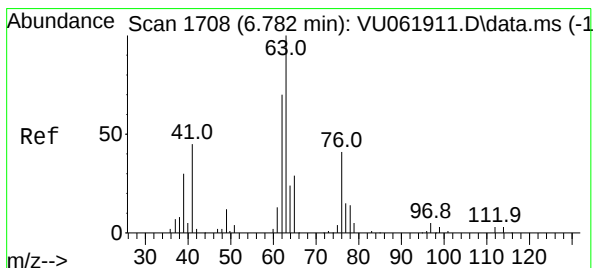
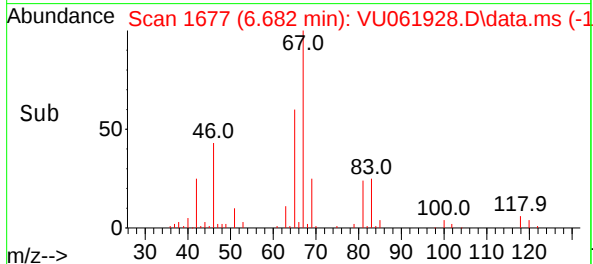
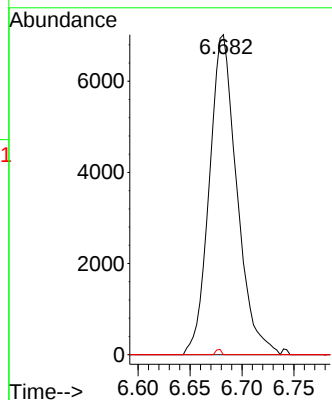
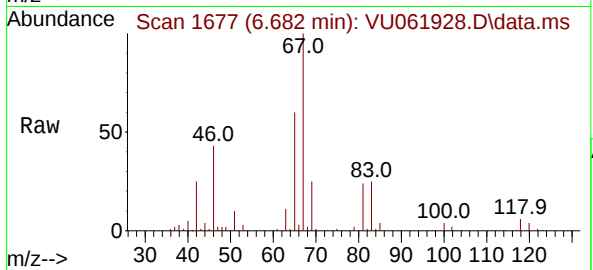




#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU061928.D
Acq: 21 Nov 2024 19:30

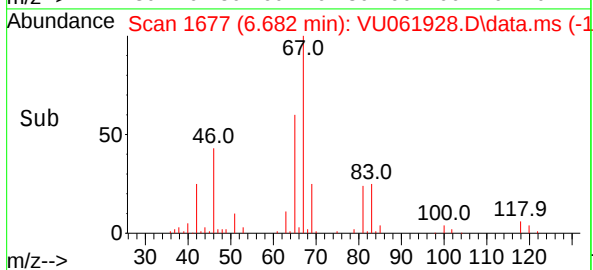
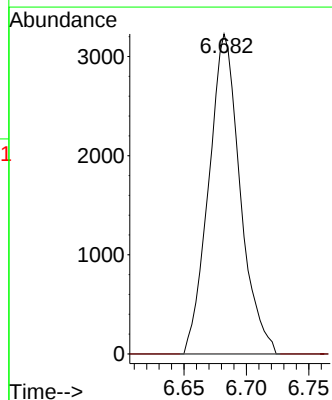
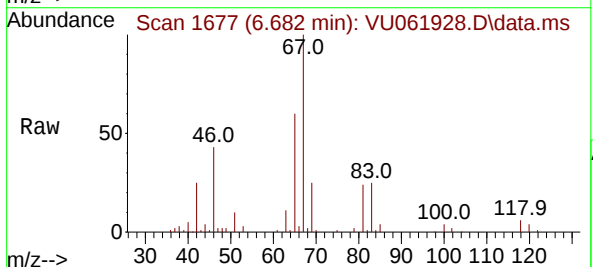
Instrument :
MSVOA_U
ClientSampleId :

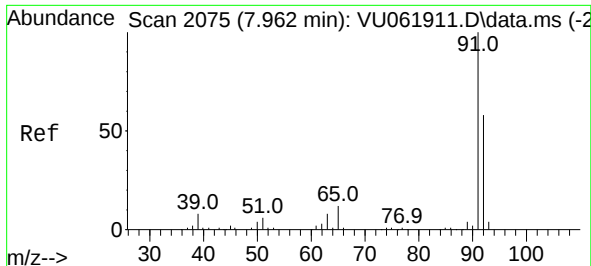
Tgt Ion: 83 Resp: 12956
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.8 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.510 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU061928.D
Acq: 21 Nov 2024 19:30

Tgt Ion: 63 Resp: 5661
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#42

Toluene

Concen: 0.236 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061928.D

Acq: 21 Nov 2024 19:30

Instrument :

MSVOA_U

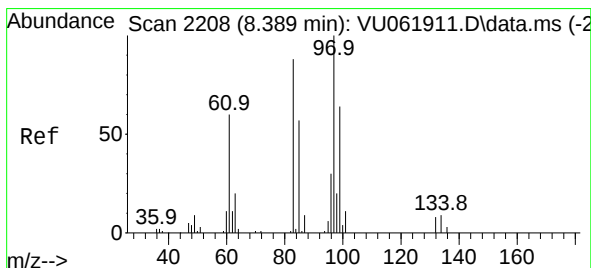
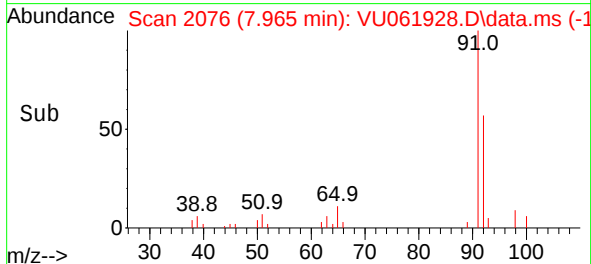
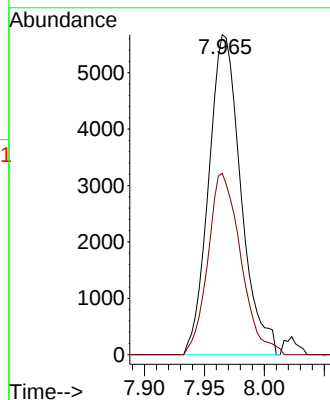
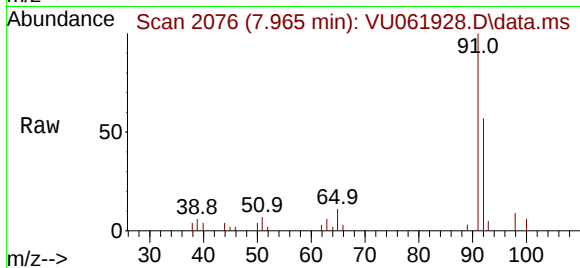
ClientSampleId :

Tgt Ion: 91 Resp: 10587

Ion Ratio Lower Upper

91 100

92 56.7 39.0 72.4



#45

1,1,2-Trichloroethane

Concen: 0.149 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.154 min

Lab File: VU061928.D

Acq: 21 Nov 2024 19:30

Tgt Ion: 97 Resp: 1216

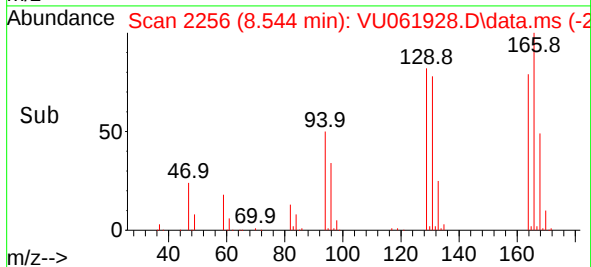
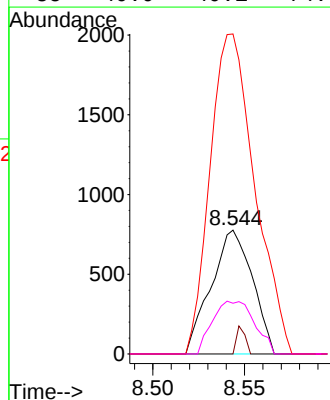
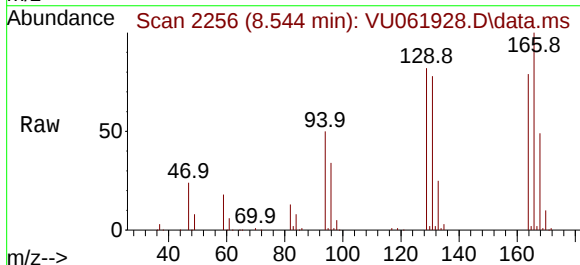
Ion Ratio Lower Upper

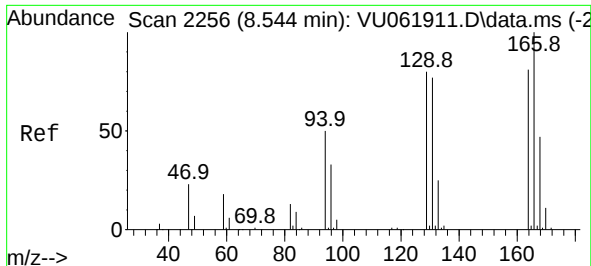
97 100

99 0.0 43.0 79.8#

83 258.3 61.7 114.5#

85 40.9 40.1 74.5





#47

Tetrachloroethene

Concen: 16.931 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

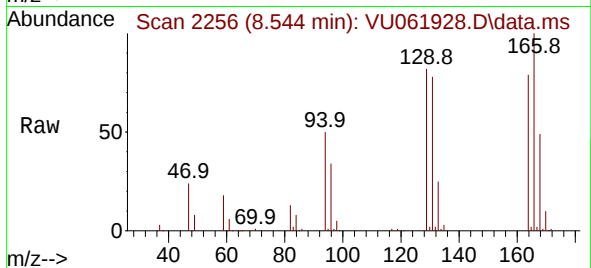
Lab File: VU061928.D

Acq: 21 Nov 2024 19:30

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 140346

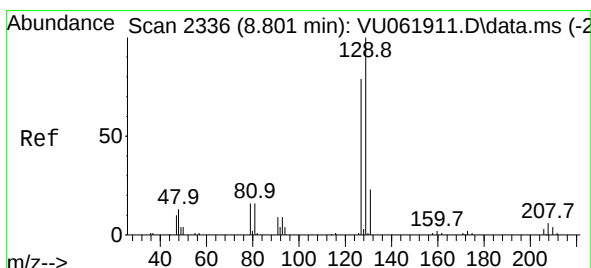
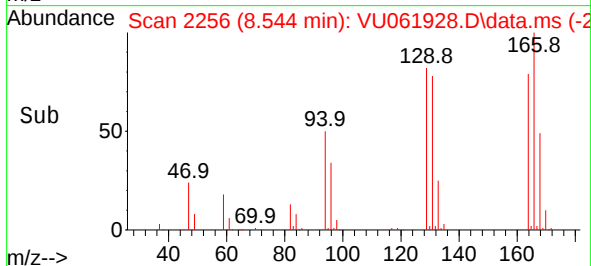
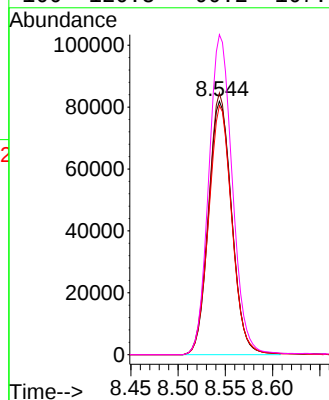
Ion Ratio Lower Upper

164 100

129 103.3 73.2 136.0

131 98.3 72.3 134.3

166 126.3 90.2 167.4



#49

Dibromochloromethane

Concen: 16.543 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU061928.D

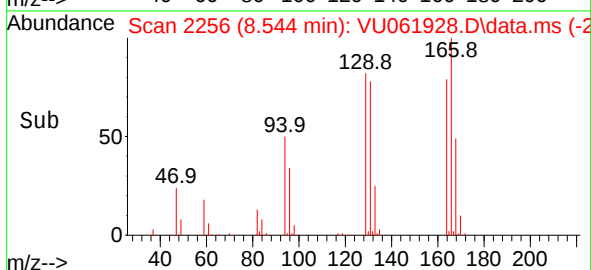
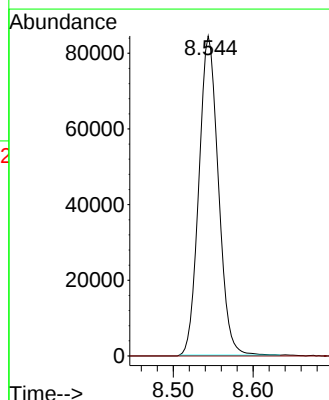
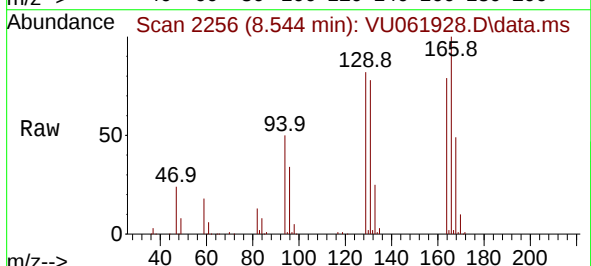
Acq: 21 Nov 2024 19:30

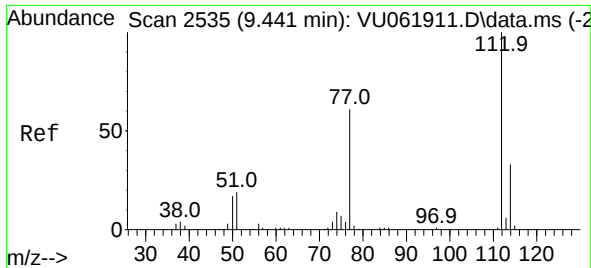
Tgt Ion:129 Resp: 142843

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#

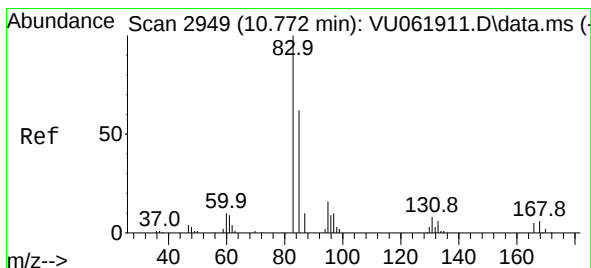
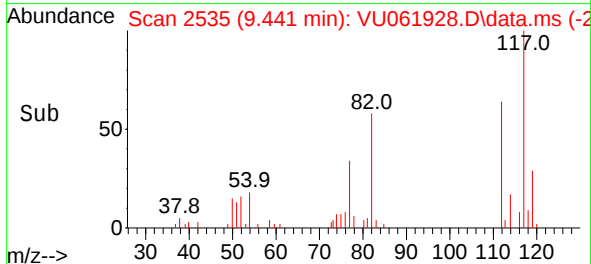
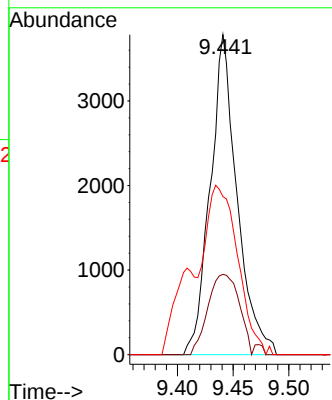
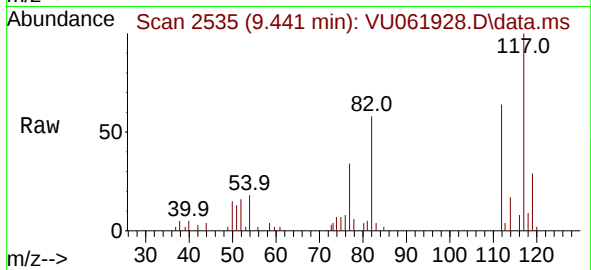




#51
Chlorobenzene
Concen: 0.207 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU061928.D
Acq: 21 Nov 2024 19:30

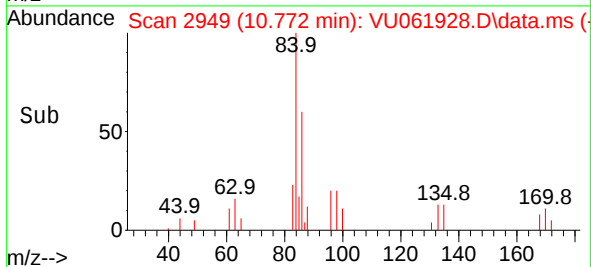
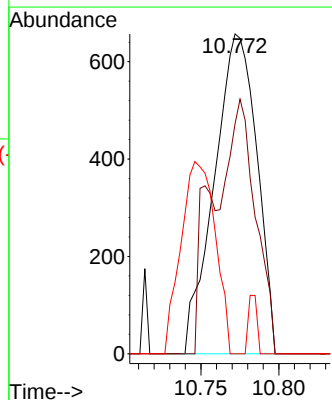
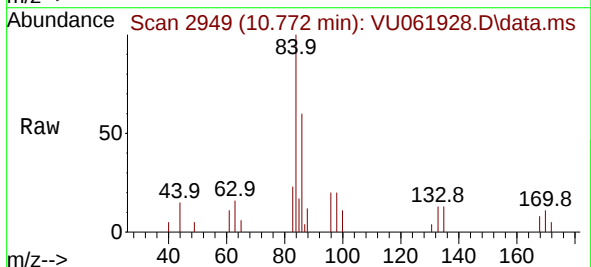
Instrument :
MSVOA_U
ClientSampleId :

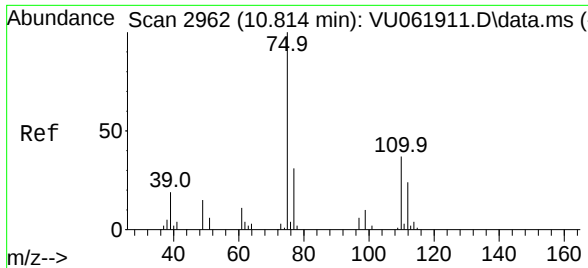
Tgt Ion:112 Resp: 6341
Ion Ratio Lower Upper
112 100
114 25.1 23.0 42.6
77 49.4 50.5 75.7#



#57
1,1,2,2-Tetrachloroethane
Concen: 0.119 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU061928.D
Acq: 21 Nov 2024 19:30

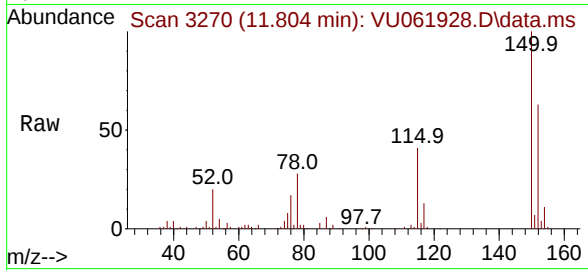
Tgt Ion: 83 Resp: 1249
Ion Ratio Lower Upper
83 100
85 72.0 44.4 82.4
131 0.0 7.3 10.9#





#61
1,2,3-Trichloropropane
Concen: 1.029 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU061928.D
Acq: 21 Nov 2024 19:30

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.7	28.9	43.3#
77	31.0	26.5	39.7

